

Welcome to Verizon FiOS TV

Congratulations. You made a great choice by subscribing to FiOS TV. It's going to revolutionize your television experience.

As a Verizon FiOS TV subscriber, you can unleash the full potential of your television and enjoy the programming selection, picture and sound quality that only fiber-optic technology can deliver.

This guide will help you get the most out of your FiOS TV. You'll learn about our dynamic Interactive Programming Guide that helps you control how you watch TV. And find out how to access our extensive Video On Demand library. While you're at it, spend a few minutes getting familiar with your new, easy-to-use remote control. If you have our supercharged Digital Video Recorder, you'll learn how it lets you record TV, so you can watch what you want, when you want.

Thank you for choosing FiOS TV. Now get ready to experience the power of fiber optics.

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The ABC's of Fiber Optics



The Verizon FiOS Difference: Understanding your new fiber-optic connection

Now that you're hooked up, here's how it works. Although traditional telephone and cable TV networks use mostly copper wire and coaxial cable to deliver services, Verizon FiOS is 100% fiber optic, bringing you state-of-the-art voice, TV and high-speed Internet service. With FiOS, your home is now ahead of its time.

Verizon FiOS uses hair-thin strands of glass to carry information, in the form of laser-generated pulses of light. When those pulses of light reach your home through our network, they are converted into electrical signals in a box installed outside your home called the Optical Network Terminal (ONT). Once the signals have been converted, your home's existing telephone wiring and coaxial cable carry voice and TV signals to your phones and TV sets. Either CAT5 or a combination of CAT5 and coaxial cable is used to carry Verizon FiOS Internet signals. Similarly, when information is sent from your home, those electrical signals are changed into light pulses in the ONT so they can travel to their destinations.

Unlike traditional self-powered telephone or cable television service, your Verizon FiOS service depends on your home's power source.

The Optical Network Terminal (ONT): Your light source

Traditional telephone service uses copper wire to transmit communications signals. Verizon FiOS, however, transmits signals using hair-thin strands of glass fiber and laser-generated pulses of light.

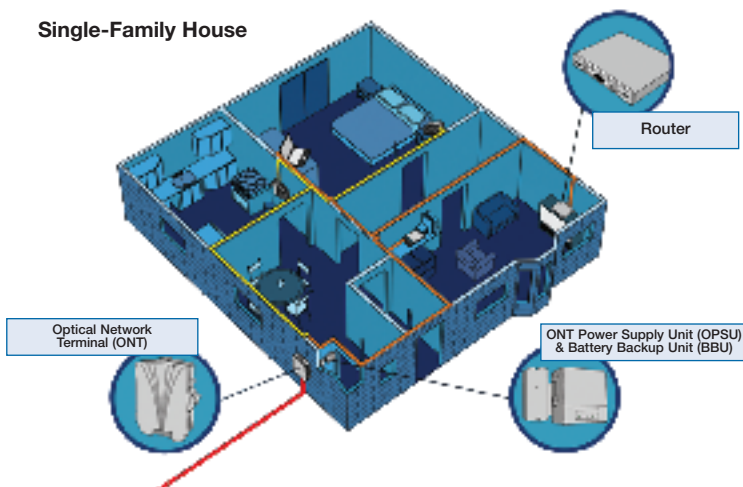
When that light reaches your home through the Verizon network, it is converted into electric signals in a box installed outside your home called the ONT. That way, it can be “read” by your telephones and computers. Information that is sent from your home will be converted from electric signals to light in the ONT.

Unlike traditional self-powered telephone service, your Verizon FiOS service depends on your home’s power source.

FiOS TV Installation Diagrams

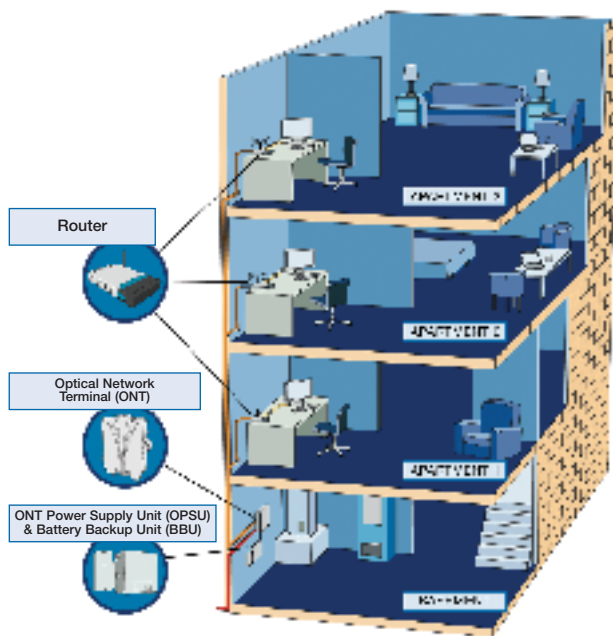
Depending on the type of home you live in, your FiOS TV service will be installed using either the model shown below or the one on page 7.

Single-Family House



Some Apartments/Condominiums

If you live in a building with multiple units, such as an apartment building or other location with multiple tenants, the ONT and Battery Backup Unit (BBU) may be installed in your apartment's utility room or closet (see Single-Family House diagram). However, in many apartments and condominiums, the ONT/BBU are installed in a centralized location in your building. In that case, the information on pages 6–12 may not apply to you.



The ONT has a power cord that goes into your home through the ONT Power Supply Unit, where it plugs into an existing standard electrical outlet.

To ensure connectivity to the Verizon FiOS network, please make sure your ONT Power Supply Unit is plugged in at all times.



One of these ONT models will be installed in your home.

ONT Power Supply Unit (OPSU): Your electricity source

Your ONT requires electricity to operate all Verizon services provided on the FiOS network. The OPSU supplies that power by connecting your ONT directly to an electrical outlet in your home or garage.



The OPSU contains a single indicator light that tells you if electrical power is present. If the indicator light is dark, electricity is not flowing from the outlet to the ONT. In normal operation, the light should be green.

The ONT requires very little power to operate. In fact, the amount of power needed is as little as what it would take to operate a couple of night-lights.

Problems with your equipment or service?

*Please go to **fioshelp.verizon.com** or call the Verizon Fiber Solutions Center at **1-888-553-1555**.*

Battery Backup Unit (BBU): Continuous power when you need it

In case your ONT Power Supply Unit is accidentally unplugged — or in the event of a commercial power failure — a BBU has been installed to provide you with backup power for voice service for approximately four hours.

Your BBU was installed in a location in your home or garage where it can be easily monitored — most likely near the OPSU. The BBU is connected directly to the ONT to provide backup power if it's needed. In addition, the BBU contains a series of indicator lights that tell you whether your service is being powered by your home's electricity or the battery.

The BBU also tells you when the battery needs to be replaced. The average life of your battery is between one and four years, depending on the average temperature of the environment. When your battery does need to be replaced, you can purchase a sealed lead-acid battery at a major electronics outlet or home improvement store.

Note: Battery disposal standards and requirements vary by state. If you need to replace the sealed lead-acid battery in your backup unit, please check the following Environmental Protection Agency resources for proper disposal instructions: visit epa.gov/epr/products/batteries.html or call the EPA directly at 1-800-424-9346.



BBU Audible Alarms:

Both BBU models are equipped with an audible alarm to inform you of problems with your BBU. The alarm sounds for two seconds and then is silent for 58 seconds. The conditions listed below are the potential reasons for the audible alarm. You can use the alarm in combination with the indicator lights to troubleshoot your BBU issue.

Low Battery — Alarm is silenced if the battery voltage goes above 12V (electrical power has returned), the battery is fully discharged or the battery is removed from the BBU.

Foreign Voltage — Alarm is silenced once the foreign voltage has been properly removed.

Replace Battery — Alarm is silenced when the battery is removed.

Overcurrent — Alarm is silenced once the overcurrent has been properly removed.

Since you are responsible for the management of your battery, it is very important that you familiarize yourself with the indicator lights and audible alarm, to ensure that you have backup power if it's needed.

Please note: During a power outage, only your telephone service will receive power. Your backup battery will not operate your Internet or video services, or your router.

BBU Indicator Signals:

You have received one of the following BBU models as part of your FiOS installation. Please look at the photos to determine which model you have.

Model #1:

The BBU model at right has four distinct lights to signify certain conditions, as described below.

Lights:

Systems:

Green — Operating normally.

Blinking Green — Battery is going through a self-test.

Yellow — ONT is operating from the battery and the battery is discharging.

Blinking Red — Battery is fully discharged and needs to be replaced.



Battery:

Green — ONT is operating normally. BBU is on standby.

Yellow — Battery is either recharging or conducting a self-test, or the BBU is providing power to the ONT.

Red — Battery is low. When this light comes on, approximately two hours of talk time remain.

Replace Battery:

Red — Battery needs to be replaced.

Auxiliary:

Green — Auxiliary battery pack (ABP) is connected to the BBU. ABP option is currently not available.

Off — No auxiliary battery pack is connected.

Problems with your equipment or service?

Please go to fioshelp.verizon.com or call the Verizon Fiber Solutions Center at 1-888-553-1555.

Model #2:

The alternate BBU model below uses a combination of buttons and lights to signify certain conditions described below.

Buttons:

Battery Emergency Use — To protect you in an emergency, the BBU will shut down approximately one hour before the battery is fully depleted. If you need to make a phone call, press the Battery Emergency Use button once. This will enable the ONT to reboot, and up to one hour of battery life for talk time will be provided for emergency calls. After the button is pushed, all remaining battery life is used.

Alarm Silence — Press this button to silence an audible alarm.

Lights:

Auxiliary Power:

Not currently available.

Replace Battery:

Red — Battery needs to be replaced.



Battery Power:

Red — ONT is operating off battery power; no AC power available.

Blinking Red — Battery power is low.

System Status:

Green — Indicates normal operation.

Blinking Green — Indicates system fault.

Verizon FiOS TV Router: State-of-the-art sharing

As part of your Verizon FiOS TV service, you received a router, which has been tested for use with Verizon FiOS TV. Your router contains special diagnostic software that can help us troubleshoot and correct problems, should you experience trouble with your connection.



Troubleshooting Tips

If you experience problems with your FiOS TV service, the following checklists could save you a call to the Verizon Fiber Solutions Center. It will also help us get to the root of the problem faster, when you do call.

Power:

1. Check to see if you are experiencing a power outage.
2. If there is no power outage, check to see if your OPSU is plugged into an electrical outlet and that the indicator light is illuminated.
3. If the indicator light is not illuminated and the outlet is a Ground Fault Circuit Interrupter (GFCI), check to make sure it hasn't been tripped. If it has, press the reset button.
4. Check the fuses and circuit breaker to make sure your outlet is working. Reset the breaker or replace fuses, if necessary.
5. After taking these steps, recheck the indicator light on the OPSU to see if it is illuminated. If it is, recheck for service.

Battery:

If you are experiencing a power outage, please review the following battery troubleshooting steps:

1. Check the lights on your BBU (see pages 11–12) and check the battery connection inside the BBU.
2. If the battery is properly connected and the Replace Battery indicator light is red, replace the battery in your BBU, as it is fully discharged.
3. After taking these steps, recheck the BBU indicator lights. If the battery lights are not in normal status, call the Verizon Fiber Solutions Center for assistance.

If you have gone through the above Power and Battery checklists and are still experiencing problems with your FiOS TV service, call the Verizon Fiber Solutions Center directly.

Problems with your equipment or service?

*Please go to **fioshelp.verizon.com** or call the Verizon Fiber Solutions Center at **1-888-553-1555**.*

Here's a quick guide for reading your ONT Indicator Lights:

Green light:

The battery is connected and the voltage level is adequate.

No light:

The ONT is not operating from the battery, or the battery is depleted.

Red light:

The ONT has detected a hardware failure.

Blinking light:

The ONT is not synchronized with the Central Office.

No light:

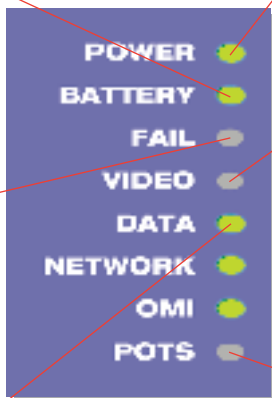
The ONT is fully operational and connected to the Central Office.

Green light:

The ethernet port is transmitting data.

No light:

No activity, or the ethernet port is disabled.

**Green light:**

The main AC power is available.

No light:

There is no power at the ONT.

No light:

Adequate video signal or video port is enabled.

Red light:

The video signal is below the adequate voltage level.

Green light:

At least one telephone is in an off-hook condition.

Blinking light:

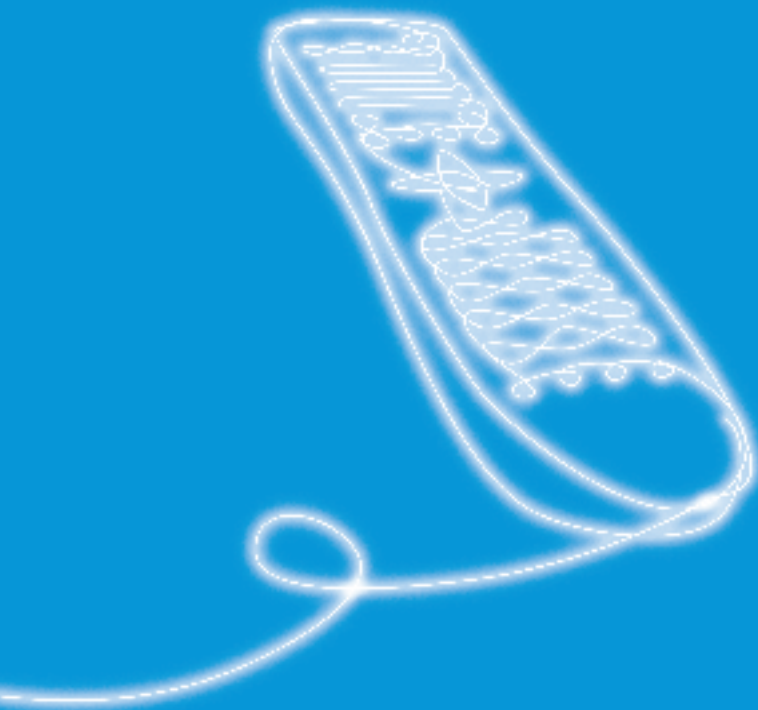
At least one telephone has been in an off-hook condition for over an hour.

No light:

All telephones are in an on-hook condition.

Power for services provided on the Verizon FiOS network must be supplied by the customer. Customer is responsible for backup battery replacement. Backup battery does not supply power for Internet or video services. Certain telephones, answering machines and other telephone equipment not meeting industry standards may not work with service provided on the Verizon FiOS network.

Remote Control



Everything you need to know about your new FiOS TV remote

Whether you're browsing through channels, recording your favorite shows or ordering the latest hit movies from our extensive Video On Demand library, your new and enhanced FiOS TV universal remote control does it all.

Your remote has new features and functions that allow you to access all the advanced features of Verizon FiOS TV. In addition to operating your Set Top Box, you can use your four-in-one remote control to operate up to three other devices of your choice.

Take a moment to review the capabilities of your new remote control and learn about all the features of your new FiOS TV service.

Your Remote Control at a Glance

Guide accesses the Verizon FiOS TV Interactive Programming Guide (IPG).

Menu accesses the on-screen display for the currently selected device.

Exit closes any on-screen display and returns you to regular viewing.

This button is reserved for future enhanced Widget updates.

On Demand provides access to Video On Demand programming.

Skip Back activates instant replay.

FiOS TV returns to live TV programming.

A (Widgets) provides instant access to local weather, traffic updates and more.

Power turns the selected or programmed devices on or off.

DVD, AUX, TV, STB select the programmed device for the remote control.

Info displays a description of the show you are watching or have selected in the IPG.

Options displays helpful information. (if available)

Favorites displays your favorite channel listings.

Last returns to the last selected channel. Press again to return to the current channel.

Skip Forward jumps forward in recorded TV.

REC records the current program to the DVR STB.

DVR launches the DVR menu.



Easy-to-Use Buttons



Rewinds VCR, DVD, VOD or DVR media.



Plays current VCR, DVD, VOD or DVR media.



Fast-forwards VCR, DVD, VOD or DVR media.



Records to VCR or DVR.



Pauses VCR, DVD, VOD or DVR media.



Stops VCR, DVD, VOD or DVR media.



Buttons B, C and D are reserved for future program-specific selections.



Use these keys to enter a channel or device code number. For example, to access channel 2, press 2 or 0-0-2.



Selects the video source for some TV, DVD, VCR or Home Theater Systems.



Changes display format.



In TV mode, turns Picture-in-Picture (PIP) on or off (if available).



Toggles between closed-caption options.

Getting Started with Your Remote



Install Batteries

Your remote requires two AA batteries. The first set is included and should last up to six months under normal usage.

To test if the batteries have been installed correctly, press a few keys on the remote. One of the Device Keys (**DVD, AUX, TV, STB**) on the top of the remote will flash briefly when you press a key.

Get to Know Your Remote

Your remote is now ready to control your FiOS TV Set Top Box (STB). To start, try the following:

- Turn on your TV.
- Press the **STB** key on the top of the remote to make sure you are in FiOS TV “**STB MODE**.”
- Press the **CH+** key to see the next higher channel.
- Press **5 - 0** then **OK** to tune to channel 50.
- Press **Last** to return to the last channel.
- Press **Info** to see information about the current program. Press **Exit** to return to TV watching.
- Press **Guide** to see a list of TV programs. Press **Exit** to return to TV watching.
- Press the  and  keys to navigate through this menu. We suggest that you become familiar with all the options on the Main Menu. To select any item, press **OK**. Press **Exit** at any time to return to TV watching.

You are probably already familiar with most of the keys on the remote; however, there may be a few that are new to you.



Options is reserved for extra options or help based on what you are doing.



Favorites displays your list of favorite channels. (The first time you press the key, you will be invited to set up your favorite channels.)



On Demand displays a list of movies and other types of programs you can watch at any time.



Widgets accesses local weather, traffic and other information.

If you have an STB with a built-in DVR...



displays your list of recorded programs.



is a rocker button. Press the lower half of the button to pause the program. Press the upper half of the button to continue to play from where you left off.



jumps back a few seconds in the program you are watching.



jumps forward, if you are watching a recorded program.



records the current program.

Program Your Remote

Your new remote control comes from the factory ready to control your FiOS TV service. However, **VOL+**, **VOL-** and **Mute** will not work until you program the remote with the brand of TV you have. In addition to your STB and TV, your remote can also control two additional devices, such as a DVD player and an audio receiver.

This is called “programming the remote.” If you don’t want to control devices other than your FiOS TV STB, you do not need to program the remote.

This Device Key	Controls This Type of Device
DVD	DVD and VCR
AUX	Audio Receivers and VCR
TV	TV
STB	FiOS TV Set Top Box only

How to Program Your Remote

We will use the example of programming your remote to control a TV.

The procedure is the same for DVD players and audio receivers.

1. Look up your TV's brand in the TV code listing that starts on page 30.
2. Circle the first 4-digit number displayed for your brand of TV.
3. Turn on your TV.
4. Press and hold the **TV** key.
5. While holding down the **TV** key, press the **OK** key.
6. Release both keys. The Device Keys will blink twice.
7. Enter the 4-digit TV code you circled. The TV key will blink three times.
8. To test to see if this was the correct code, point the remote at your TV and press **Power**. If the TV turns off, you have successfully programmed your remote.
9. If the TV does not turn off, repeat all the steps using the next code in the list.
10. For future reference, write down the code that worked, in case you must reprogram your remote.






NOTE: If some of the keys on the remote do not operate your TV as you would expect, then you can try the next code in the list for your brand of TV.


To program the remote to control a VCR or DVD player, press and hold the **DVD** key, instead of the TV key, in steps 4 and 5. To program an audio receiver, press and hold **AUX** instead. You can assign a DVD or VCR to the DVD key. The AUX key is reserved for audio receivers, amplifiers and VCRs.

NOTE: The remote will exit the programming mode after 20 seconds if no key is pressed.

What if None of the Codes Worked?

If none of the codes worked, try the following procedure. (As before, we will use the example of a TV. For other devices, use the appropriate Device Key instead of the TV key, in steps 2 and 3.)

1. Turn on your TV.
2. Press and hold the **TV** key.
3. While holding down the **TV** key, press the **OK** key.
4. Release both keys. The Device Keys will blink twice.
5. Press **9 - 2 - 2**.
6. Point the remote at the TV.
7. Press .
8. Press . Every time you press , the remote sends out a new power-off command to the TV. Keep pressing  until the TV turns off. (You can press  to go back.)
9. When the TV turns off, you have found the right code. Press **OK** to store this code.

There are over 200 TV and DVD codes. The most common codes are tried first, but you may still need to press  over 200 times to find the right code. If you reach the end of the list of codes, the entire remote will flash twice and return to normal operation. You can exit programming at any time by pressing **Exit**.

Switching Modes

Press a Device Key at the top of the remote to switch modes. For example, to control your DVD player, press **DVD**. To return to your FiOS TV Set Top Box (STB), press **STB**. Pressing the **DVD**, **AUX** or **TV** key is like picking up the remote for that device.

The Channel Keys

CH+, **CH-** and **Last** control the STB, even after you press the **DVD**, **AUX** or **TV** Device Key. This is the way most people will want the remote to work. However, you can change the way the Channel Keys work, so that when you press a Device Key, the Channel Keys will operate the selected device.

If you want the Channel Keys to control different devices...

1. Press and hold the **STB** key.
2. While holding down the **STB** key, press the **OK** key.
3. Release both keys. The Device Keys will blink twice.
4. Press **9 - 6 - 6**. The STB key will blink twice.
5. Press **OK**. The STB key will blink three times to indicate success in programming.

To return to controlling the channel via the STB only, press **STB** in step 5.

The Volume Keys

VOL+, **VOL-** and **Mute** always control the TV volume, even when you are in STB or DVD modes. (However, the Volume Keys will always control the AUX device, when in AUX mode.) This is the way most people will want the remote to work. However, you can change how the Volume Keys work.

If you always want the Volume Keys to control the AUX device...

Some people may want to always adjust the volume using their AUX device (typically a home theater receiver), regardless of the mode they are in.

1. Press and hold the **STB** key.
2. While holding down the **STB** key, press the **OK** key.
3. Release both keys. The Device Keys will blink twice.
4. Press **9 - 5 - 5**. The STB key will blink twice.
5. Press **AUX**. The AUX key will blink three times to indicate success in programming.

To return to controlling the volume via the TV, press **TV** in step 5. If you want to control the volume through any device (by pressing a Device Key, then a Volume Key), press **OK** in step 5.

The Power Key

Power turns on or off both your STB and TV when you are in STB mode. (If you have a DVR STB, the DVR will continue to record scheduled programs when off.) However, you can reprogram how the Power Key works.

If you want the Power Key to control multiple devices at once...

1. Press and hold the **STB** key.
2. While holding down the **STB** key, press **OK**.
3. Release both keys. The Device Keys will blink twice.
4. Press **9 - 7 - 7**. The STB key will blink twice.
5. One after the other, press each Device Key you want the Power Key to control, in the order you want them to turn on or off. Each selected Device Key will blink twice after it is pressed.
6. Press **OK** when done. The STB key will blink three times to indicate success in programming.

For example, to program the Power Key to turn on or off your TV, AUX and STB, in that order, with one press of the Power Key, press **[STB+OK]**, **[9 - 7 - 7]**, **[TV]**, **[AUX]**, **[STB]**, **[OK]**.

If you want the Power Key to control only one device at a time...

Some people want to press a Device Key, then the Power Key, to turn just that one device on or off.

1. Press and hold the **STB** key.
2. While holding down the **STB** key, press **OK**.
3. Release both keys. The Device Keys will blink twice.
4. Press **9 - 7 - 7**. The STB key will blink twice.
5. Press **OK**. The STB key will blink three times to indicate success in programming.



Introducing Verizon FiOS Widgets

Get weather and traffic at the touch of a button.




We've added an exciting new feature to your TV service. It's called Verizon FiOS Widgets. And it's the easiest way for you to instantly get local weather and traffic updates, without missing a second of your show.



Setting up Widgets is easy.

1. Press the  button on your remote to launch Widgets. You may also choose **ENHANCED TV** from the menu, then choose **WIDGETS**. The Widgets application will start with the ZIP Code screen displayed.
2. Enter your ZIP Code using the number keys on the remote and press **OK**. The Widget will be displayed under your current TV program.
3. Once your ZIP Code is set, simply press the  button to turn Widgets on or off.

To change the ZIP Code for Widgets, follow these steps:

1. Press the  button on your remote to launch Widgets. You may also choose **ENHANCED TV** from the menu, then choose **WIDGETS**. The Widgets application will start with the ZIP Code screen displayed.
2. Use the  or  **ARROW** keys to switch to the **CHANGE LOCATION** Widget. Press **OK**. The Change Location screen will be displayed.
3. Enter the new ZIP Code using the number keys on the remote and press **OK**. The Widget will be updated with the information for the ZIP Code entered.

Troubleshooting

If your remote is not responding, try the following steps, in order:

1. Review the information in “Program Your Remote” (see page 21), to make sure that the key you pressed is active for the device you are controlling.
2. Make sure you are controlling the device you think you are.
(See Program Your Remote on pages 21–26, for more information on choosing a device to control.)
3. Make sure your batteries are good. If battery power is low, your remote enters a Low Battery Condition, to conserve battery power for retaining your settings. (See Install Batteries on page 20, for more information on changing the batteries.)
4. If some of the buttons on the remote control do not operate your TV as you would expect, make sure you try all codes in the list for your brand of TV, in order to reprogram your remote. Also, please note that certain buttons on this remote may vary from buttons on your TV, DVD and VCR remotes.
5. Reset all settings to the original factory defaults (all previous programming will be lost).

To reset the remote to the original factory defaults:

- Press and hold the **STB** key.
- While holding down the **STB** key, press **OK**.
- Release both keys. The Device Keys will blink twice.
- Press **9 - 0 - 0**. The STB key will blink 3 times to indicate success in programming.

Some features may require additional equipment at an additional cost. Your use of FiOS TV will require your acceptance of the Terms of Service, a copy of which will be given to you at the time of installation. The Verizon FiOS TV remote control does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your remote control. Other terms and conditions apply.



Device Codes

Codes for Audio Amplifiers

Bose 0701
Curtis Mathes 0327
GE 0105
Harman Kardon 0919
JVC 0358
Left Coast 0919
Marantz 0919
Optimus 0327
Philips 0919
Pioneer 0040, 0327
Polk Audio 0919
RCA 0327
Sony 0716
Soundesign 0105
Victor 0358
Wards 0105, 0040
Yamaha 0381, 0160

Codes for Audio Receivers

ADC 0558
Aiwa 1432, 0216, 0148, 1415, 1668
Alco 1417
Amphion Media Works 1590, 1642
Anam 1101
Apex Digital 1457
Audiotronic 1216
Audiovox 1417
Bose 1256, 0666, 1280, 1960

Capetronic 0558
Carver 1216, 0216
Denon 1387
Fisher 1828
Harman Kardon 0137, 0216, 0918, 1331, 1333
Hitachi 1828
Integra 0162, 1325, 1347
JBL 0137, 1333
JVC 1401, 1522
Kenwood 1340, 1597, 1596
KLH 1417, 1455
Koss 1393
LG 1320
Linn 0216
Magnavox 1216, 1296, 0216, 0558, 1541
Marantz 1216, 1296, 0216, 1316
Mitsubishi 1420
Onkyo 0162, 0869, 1325, 1347, 1558
Optimus 1050, 0558, 0697, 1101
Oritron 1393
Panasonic 1335, 1545, 1315, 1343, 1575, 1660, 1790, 1791
Philips 1216, 1296, 0216, 1293
Pioneer 1050, 0041, 0177, 0558, 0657, 1411

Polk Audio 0216, 1316
Proscan 1281
RCA 1050, 1281, 0558, 1101, 1417, 1538
Rio 1896
Samsung 1322, 1527
Sansui 0216
Sanyo 1496, 1828
Sherwood 1104
Sonic Blue 1896
Sony 1085, 1468, 1285, 1786, 1585, 1685, 1785, 1885
Soundesign 0697
Stereophonics 1050
Sunfire 1340
Teac 1101, 1417
Technics 1335, 1545
Thorens 1216
Venturer 1417
Wards 0216, 0041
Yamaha 0203, 1203, 1303, 1358, 1402
Zenith 1320

Codes for Televisions

Admiral 0120, 0490
Advent 0788, 0810, 0842, 0844, 0869
Aiko 0119
Akai 0839, 0729, 0057, 0699
Albatron 0727, 0870
America Action 0207

Ampro 0778	Daewoo 0478, 0119, 1688, 0650, 0688, 0699	Hello Kitty 0478
Anam 0207	Dell 1107, 1205	Hisense 0775
AOC 0057	Denon 0172	Hitachi 1172, 0172
Apex Digital 0775, 0906, 0792, 0794	Dumont 0044	Hyundai 0876
Audiovox 0478, 0207, 0119, 0650, 0829, 0902	Durabrand 0490, 0207, 0205, 0198, 1061	Infinity 0081
Aventura 0198	Dwin 0747, 0801	Insignia 0198
Bell & Howell 0181	Electroband 0027	Inteq 0044
BenQ 1059	Electrograph 1782	JBL 0081
Bradford 0207	Emerson 0181, 0263, 0490, 0207, 0205, 0198, 0650	JCB 0027
Broksonic 0263, 0490	Envision 0057, 0840	Jensen 0788, 0842, 0844
Candle 0057	Epson 0860, 0867	JVC 0080, 0758, 1280
Carnivale 0057	ESA 0839, 0198	KEC 0207
Carver 0081	Fisher 0181	Kenwood 0057
Celebrity 0027	Fujitsu 0710, 0836, 0880	KLH 0792, 0794
Celera 0792	Funai 0207, 0198	KTV 0207, 0057
Changhong 0792	Futuretech 0207	LG 1292, 0205, 0727, 0883, 1205
Citizen 0087, 0057, 0119	Gateway 1782, 1783	LXI 0074, 0081, 0181, 0183, 0205
Clarion 0207	GE 1474, 0074, 0078, 0478, 0205, 1374	Magnavox 1481, 0081, 0057, 0733, 0829, 1281
Commercial Solutions 1474, 0074	Gibraltar 0044, 0057	Marantz 0081, 0057, 0731, 0882, 1181
Contec 0207	Go Video 0913	Matsushita 0277, 0677
Craig 0207	GoldStar 0205, 0057	Maxent 1782
Crosley 0081	Grunpy 0207	Megapower 0727
Crown 0207	Haier 1061	Megatron 0205, 0172
Curtis Mathes 0074, 0081, 0181, 0478, 0120, 0087, 0729, 0057, 0172, 0193, 0493, 1174, 1374	Hallmark 0205	Memorex 0181, 0490, 0177, 0205
CXC 0207	Harman Kardon 0081	MGA 0177, 0205, 0057
	Harvard 0207	Midland 0074, 0044, 0078
	Havermy 0120	
	Helios 0892	

Mitsubishi 0120,
1277, 0177, 0205,
0863, 0895

Monivision 0727,
0870

Motorola 0120

MTC 0087, 0057

Multitech 0207

NAD 0183, 0205,
0893

NEC 0057, 0524,
0909, 1731

NetTV 1782

Nikko 0205, 0057,
0119

Norcent 0775, 0851

NTC 0119

Onwa 0207

Optimus 0181, 0277,
0193, 0677

Optoma 0914

Optonica 0120

Orion 0263, 0490,
1490

Panasonic 0277,
0078, 0677, 1437

Penney 0074, 0183,
0078, 0087, 0205,
0057, 1374

Philco 0081, 0057

Philips 1481, 0081,
0717, 1181

Pilot 0057

Pioneer 0193, 0706,
0893

Polaroid 0792, 0892

Portland 0119

Prima 0788, 0810,
0842, 0844

Princeton 0727, 0744

Prism 0078

Proscan 1474, 0074,
1374

Proton 0205, 0493

Pulsar 0044

Quasar 0277, 0078,
0677

RadioShack 0074,
0181, 0207, 0205,
0057

RCA 1474, 0074,
0117, 0706, 1074,
1174, 1274, 1374,
1574

Realistic 0181, 0207,
0205, 0057

Runco 0044, 0057,
0524, 0630

Sampo 0057, 1782

Samsung 0087,
0839, 0729, 0205,
0057, 0793, 0841,
1087

Sansui 0490

Sanyo 0181, 0826,
0920

Scotch 0205

Scott 0263, 0207,
0205

Sears 0074, 0081,
0181, 0183, 0205,
0198

Sharp 0120, 0518,
0715, 0716, 0878

Sheng Chia 0120

Sony 1127, 0027,
0861

Soundesign 0207,
0205

Squareview 0198

SSS 0207

Starlite 0207

Studio Experience
0870

Superscan 0120,
0891

Supreme 0027

SVA 0775, 0892

Sylvania 0081, 0057,
0198

Symphonic 0207,
0198

Tandy 0120

Tatung 1783

Technics 0277, 0078

Techview 0874

Techwood 0078

Teknika 0081, 0207,
0177, 0087, 0119

Telefunken 0729

TMK 0205

TNCi 0044

Toshiba 0181, 1283,
0183, 1292, 0087,
0677, 0859, 0872,
1183, 1383, 1683,
1731

TVS 0490

Vector Research
0057

Victor 0080

Vidikron 0081

Vidtech 0205

Viewsonic 0884,
0891, 0912, 1782

Vizio 0891, 0912,
1783

Wards 0081, 0205,
0057, 0893, 1183

Waycon 0183

Westinghouse 0912,
0916

White Westinghouse
0490, 0650

Yamaha 0057, 0796,
0860, 0866

Zenith 0044, 0490,
1292, 0205, 0119

Codes for Video — VCR

ABS 1999

Admiral 0075

Adventura 0027

Aiwa 0064, 0027

Alienware 1999

American High 0062

Audiovox 0064

Broksonic 0211, 1506

Calix 0064

Canon 0062

Carver 0108

Citizen 0064, 1305

Craig 0064, 0074

Curtis Mathes 0087,
0062, 0189, 1062

CyberPower 1999

Daewoo 0072, 1305

Dell 1999

DIRECTV 0766

Durabrand 0066

Dynatech 0027

Electrohome 0064

Electroponic 0064

Emerex 0059

Emerson 0064, 0211,
0027, 1305, 1506

Fisher 0074

Fuji 0062, 0060

Funai 0027

Garrard 0027

Gateway 1999

GE 0087, 0062, 0834,
1062, 1087

GoldStar 0064, 1264

Gradiente 0027

Harley Davidson
0027

Harman Kardon
0108

Hewlett Packard
1999

HI-Q 0074

Hitachi 0027

Howard Computers
1999

**Hughes Network
Systems** 0766

Humax 0766

Hush 1999

iBUYPower 1999

KEC 0064

Kodak 0062, 0064

Linksys 1999

Lloyd's 0027

LXI 0064

Magnasonic 1305

Magnavox 0062,
0066, 0108, 0027,
1808

Marantz 0062, 0108

Marta 0064

Matsushita 0062,
0189

Media Center PC
1999

MEI 0062

Memorex 0062,
0189, 0064, 0075,
0066, 0074, 0027,
1264

Microsoft 1999

Mind 1999

Mitsubishi 0834

Motorola 0062, 0075

MTC 0027

Multitech 0027

Nikko 0064

Niveus Media 1999

Northgate 1999

Olympus 0062

Optimus 1089, 0189,
0064, 0075

Orion 0211, 1506

Panasonic 1089,
0062, 0189, 0252,
0643, 1062

Penney 0062, 0064,
1062, 1264

Philco 0062

Philips 0062, 0108,
0645, 0766

Pilot 0064
Polk Audio 0108
Proscan 0087, 1087
Pulsar 0066
Quasar 0062, 0189, 1062
RadioShack 0027
Radix 0064
Randex 0064
RCA 0087, 0834, 0907, 1062, 1087
Realistic 0062, 0064, 0075, 0074, 0027
ReplayTV 0641, 0643
Ricavision 1999
Runco 0066
Samsung 0072, 0766, 1041
Sanky 0075, 0066
Sansui 0027, 1506
Sanyo 0074
Scott 0211, 0072
Sears 0062, 0064, 0074, 0027, 1264
Sharp 0075, 0834
Sonic Blue 0641, 0643
Sony 0062, 0059, 0060, 0027, 0663, 1259, 1999
Stack 9 1999
Sylvania 0062, 0108, 0027, 1808
Symphonic 0027
Systemax 1999
Tagar Systems 1999
Teac 0027

Technics 0062, 0189
Teknika 0062, 0064, 0027
Thomas 0027
Tivo 0645, 0663, 0766, 2023
Toshiba 0072, 0872, 1035, 1172, 1999, 2023
Totevision 0064
Touch 1999
Vector 0072
Video Concepts 0072
Videomagic 0064
Viewsonic 1999
Villain 0027
Voodoo 1999
Wards 0087, 0062, 0075, 0074, 0108, 0027
XR-1000 0062, 0027
Zenith 0066, 0060, 0027, 1506
ZT Group 1999

Codes for Video — DVD

Accurian 1443
Aiwa 0668
Akai 0722, 0926
Alco 0817
Allegro 0896
Apex Digital 0699, 0744, 0782, 0821, 0823, 0824, 0857, 1031, 1047, 1083, 1088, 1127

Arrgo 1050
Audiovox 0817
Blaupunkt 0744
Blue Parade 0598
Broksonic 0722
CineVision 0903, 0896
Curtis Mathes 1114
CyberHome 0843, 0901, 1050, 1156
Daewoo 0811, 0896, 1196, 1199
Denon 0517, 0661
Disney 0702, 1297
Durabrand 1154
DVD2000 0548
Emerson 0618, 0702, 0848, 1295
Enterprise 0618
ESA 0848, 1295
Fisher 0697
Funai 0702, 1295
Gateway 1185
GE 0549, 0744
Go Video 0771, 0768, 0810, 0896, 1071, 1102, 1185, 1757
GoldStar 0768
Greenhill 0744
Harman Kardon 0729
Hitachi 0600, 0691, 1274
Hiteker 0699
iLo 1375
Initial 0744

Insignia 1295
Integra 0654
JBL 0729
JVC 0585, 0650, 0894, 1191
Kawasaki 0817
Kenwood 0517, 0561
KLH 0744, 0817, 1047, 1176
Koss 0678
Lasonic 0825
Lenoxx 1154
LG 0618, 0768, 0896
LiteOn 1085, 1185, 1443, 1467
Magnavox 0530, 0566, 0673, 0702, 0848, 1295
Marantz 0566
Memorex 0722, 1297
Microsoft 0549
Mintek 0866, 0744
Mitsubishi 1548, 0548
NAD 0768
Nesa 0744

Onkyo 0530, 0654
Oritron 0678
Panasonic 0517, 0730, 1389, 1489, 1517, 1789
Philips 0530, 0566, 0673, 0702, 0881, 1287, 1294, 1381
Pioneer 0552, 0598, 0658
Polaroid 1047, 1088
Polk Audio 0566
Presidian 0702
Proscan 0549
Qwestar 0678
RCA 0549, 0598, 0744, 0817, 0849, 1049, 1159
Rio 0896
Rotel 0650
Sampo 0779
Samsung 0517, 0600, 0847, 0926, 1071, 1102
Sansui 0722
Sanyo 0697, 0722

Sensory Science 1185
Sharp 0657, 0702, 0779, 1283
Shinsonic 0560, 0866
Sonic Blue 0896
Sony 0560, 1560, 0891, 1060, 1458
Superscan 0848
Sylvania 0702, 0848, 1295
Symphonic 0702, 0848
Teac 0817
Technics 0517, 0730
Theta Digital 0598
Toshiba 0530, 0722, 1072, 1181
Urban Concepts 0530
US Logic 0866
Venturer 0817
Xbox 0549
Yamaha 0517, 0566, 0572
Zenith 0530, 0618, 0768, 0896

Write your device codes here for future reference.

TV	DVD/VCR	AUX

Interactive Programming Guide



Introduction

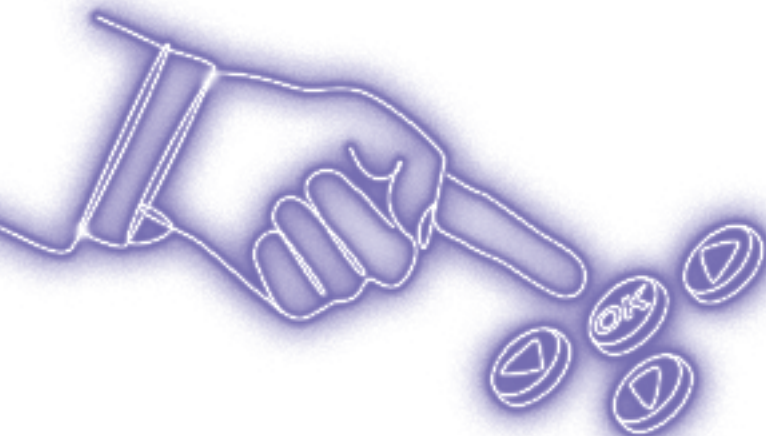
Prepare to unleash the full potential of Verizon FiOS TV. This next-generation TV service, with its Interactive Programming Guide, delivers more entertainment choices to your TV screen than ever before. Flip through your favorite channels with the click of a button. Or search by actor or title, in a flash.

But that's just the beginning. With FiOS TV, you can enjoy advances in entertainment like High Definition TV and Digital Video Recording.

FiOS TV is the latest technology. It's exciting. And it's easy to use. Just a few clicks of the remote are all it takes to get started. Keep this Guide handy while watching TV. It contains an overview of the most important features of the FiOS TV IPG and remote control.

Use your remote control to move quickly and easily through the IPG's many features. Detailed descriptions of its functions are listed on the next page. Or just remember these few simple rules:

- To use the IPG, turn on the Set Top Box by pressing the **STB** button on the remote control. Then press the **POWER** button.
- Press **GUIDE** to go directly to program listings.
- The **MENU** button takes you to the Main Menu of the Verizon FiOS TV IPG.
- Any on-screen item highlighted in green can be selected by pressing the **OK** button.
- Use the four **ARROW** buttons to move the highlight to the right, left, up or down. Once the item you want is highlighted, press **OK** to select it.
- Press **EXIT** at any time, to exit the menu and return to watching TV.



GUIDE

displays program listings.

MENU

accesses the IPG Main Menu when the Set Top Box is the selected device.

OK

selects the item highlighted in green.

MUTE

silences current audio feed.

On Demand

provides access to Video On Demand programming.

VOLUME

raises or lowers volume level.

A (Widgets)

provides instant access to local weather, traffic updates and more.

POWER

turns the selected or programmed devices on or off.

STB

activates the remote control of Set Top Box functions.

INFO

displays a description of the show you are watching or have selected in the IPG.

FAVORITES

displays your Favorite Channels list for selection or modification.

CHANNEL

changes to the next higher or lower channel.

DVR

launches the DVR menu.



Main Menu

The Main Menu is the first menu you'll see when accessing your IPG. Once you press **POWER** on the remote to turn on the Set Top Box, press **MENU** for a broad overview of your entertainment choices. From here, you can access all the features and functions of the FiOS TV IPG. Just highlight the menu option you want and press **OK**.



Search

You can search the TV Listings for a show by:

- Day and Time
- Program Title
- Actor or Topic
- Category (including Sports, Pay Per View and HDTV)



You can search for a Program Title, Actor or Topic by using the on-screen keyboard to enter a program title or keyword. Use the **ARROW** buttons on your remote control to highlight the desired letter, press **OK**, then select the next letter, and so on.

Once a show has been found, it can be selected for immediate viewing (if available)*. Or, you can set a Reminder** to watch it later.

If you have the Digital Video Recorder Set Top Box, you can schedule the show for recording by selecting the show and pressing the **REC** button.

TV Listings

TV Listings displays a list of the programs available to watch at the present time, and for up to 14 days thereafter. To access this list, press the **GUIDE** button on your remote control, or select **TV LISTINGS** from the Main Menu.



1. Use the remote to navigate the TV Listings while browsing through the programs.
2. For a description of any program listed, select it and press the **INFO** button on your remote control.
3. Use ▲ or ▼ to move through the program listings by channel.
4. Use ◀ or ▶ to change the time of day displayed.
5. Press and hold ► to skip ahead rapidly to a later time.
6. Highlight the show you wish to watch and press **OK** on your remote control. If the show is not scheduled to be broadcast until later, you can set a Reminder** to watch it later.
7. If you have the Digital Video Recorder Set Top Box, you can schedule the show for recording by selecting the show and pressing the **REC** button.

**When using the Search feature, the IPG may find programming on channels to which you are not subscribed.*

***The DVR Set Top Box cannot set Reminders. See Quick Tips on page 46.*

Video On Demand (VOD)

Video On Demand is programming that is available for you to watch at any time (and as many times as you like) within a set rental period.

Simply press the On Demand button 





or select **ON DEMAND** from the Main Menu to see the VOD titles that are currently available. Select a program you want to watch and follow the instructions to either complete your purchase or start watching the free or subscription VOD program.



Mini-Guide

The Mini-Guide displays program listings while allowing you to watch TV at the same time. Navigate through the Mini-Guide exactly as you do in the TV Listings. You can access the Mini-Guide through the Main Menu or through the shortcuts below with the Standard Definition and High Definition STB.



- While watching TV, press  twice to view a one-line version of the Mini-Guide. The Mini-Guide will display information on the show you're currently watching. Press  or  to expand to four channels of listings.
- While watching TV, press  twice to view a four-channel version of the Mini-Guide.

DVR (continued)

The Verizon FiOS TV DVR has dual-tuner capability, so you can record two programs at the same time, or watch one program while recording another.

Record an upcoming show by finding it in the TV Listings, highlighting it and then pressing the **REC** button on your Remote Control. Recording takes place automatically.


Smart **SERIES RECORDING** lets you record every episode of your favorite series automatically — even if they're shown at different times and on different days.

View shows you've recorded by pressing the **DVR** button on your Remote and selecting a show for viewing. Or select **RECORDED TV** from the Menu.

Not sure if you have the FiOS TV DVR? You'll know that you do if **RECORDED TV** appears on the Menu. (For a more complete description of DVR features, see pages 51–57.)

Settings

The Settings Menu allows you to:

- Define your favorite channels, which can be easily accessed by pressing the  button on the remote.
- Remove channels you don't want to see in your channel lineup.
- Choose a different language for the TV Listings text and for TV audio.
- Receive messages from Verizon FiOS TV.
- Set up Parental Controls with a personalized PIN.
- Change audio output characteristics. (See *Quick Tips* on page 46.)



Parental Controls

The FiOS TV IPG provides the ability to control and manage the programs and content that come into your home.

With Parental Controls, it's easy to:

- Selectively block programming by channel, rating or category.
- Selectively block Pay Per View and VOD purchases.
- Set up two different user-defined PINs (one for purchases and one to block programs).
- Hide adult programming from the TV Listings.

When programs with a particular rating level are blocked, the IPG automatically blocks the higher ratings.




Also, if you have the DVR Set Top Box, programs recorded with a PIN require the PIN to be entered, in order to play back the recorded program.



Quick Tips: How Do I...



Access Video on Demand (VOD)?

Video On Demand is programming that is available for you to watch anytime (and as many times as you like) within a set rental period.

1. Push the On Demand button  (or choose Channel 900 from the TV Listings) to see the VOD titles that are currently available.
2. To view a program, use  or  on the remote to highlight the program you want to watch and press **OK**.

Purchase Pay Per View programs?

Pay Per View allows you to see the latest hit events in just a couple of easy steps with your remote. To see what's playing:

1. Select **SEARCH** from the Main Menu and then select **PAY PER VIEW** (located under the **SEARCH BY CATEGORY** section).
2. Select **NEW SEARCH** and use  or  to scroll through the event list.
3. Use the **ARROW** buttons to highlight the program you want to watch and press the **OK** button.
4. Select **ORDER** to order the program.
5. Select **RENT NOW** to confirm your order.



Use the Digital Video Recorder (DVR)?

If you have the DVR Set Top Box (STB) with your FiOS TV service, it's a snap to record a TV show or even an entire series — without tapes. The programs are stored directly on your STB. You can rewind or pause live TV — making it TV on your time.

You'll know that you have DVR capability if **RECORDED TV** appears on the Main Menu.

To record a show that is currently playing, press **REC**.

To play a recorded show:

1. Select **RECORDED TV** from the Main Menu.
2. Use  or  to highlight a program that you want to watch from the list of recorded programs and press **OK**.
3. Select **PLAY**.

Use the DVR (continued)

To Pause/Rewind/Fast-Forward a recorded show:

Use the **PAUSE**, **REW**, **FFWD**, **STOP** and **PLAY** buttons on your remote to control playback of a recorded program, exactly as you would with a VCR. For a more complete description of DVR features, see pages 51–57 of your Verizon FiOS TV User Guide.

Note: VOD programs cannot be recorded.

View a program in High Definition TV (HDTV)?

More and more people are entering the new era of High Definition Television — and FiOS TV can be your gateway. If you have an HD-ready TV, and if you chose either the High Definition or DVR Set Top Box, then you're ready to enjoy the incredible picture quality this new technology has to offer.

Shows being offered in HDTV are identified in the TV Listings by the HD symbol at the end of the program description.

To find programs in HD:

Select **SEARCH** from the Main Menu and then select **HDTV** (located under the **SEARCH BY CATEGORY** section) or refer to the channel lineup to see where you can find the specially designated HD channels.

Channel surf?

With the IPG, you can zip through channels quickly. Just press and hold the **CH** button on the remote until you see the title of a show you want to watch, then release.

Block out material that's not suitable for children?




Many parents are concerned about the programming their children watch. Our Parental Controls feature lets you do something about it.

To get started:

1. Select **SETTINGS** from the Main Menu and then select **PARENTAL CONTROLS**.
2. Create a Personal Identification Number (PIN) using the numeric buttons on your remote. Press **OK** on the remote. This **PIN** is used for unlocking blocked channels, ratings, programs or purchases.
3. Re-enter your **PIN** to confirm. Press **OK**.


Parental Controls (continued)

You can now block access to shows either by rating or by channel. You can also block unauthorized Pay Per View and VOD purchases and choose to hide or show adult titles.

1. Use the  or  **ARROW** buttons to highlight each channel you want to block.
2. Press **OK** to add the lock  next to the channel. Only the channels that have a lock will require a **PIN** to unlock.
3. Once you have selected the channel you would like to block, highlight **NEXT** to block shows by rating.
4. Follow the on-screen prompts to complete the rest of the settings.




Set a Reminder?

Find a show you want to watch in the future using the TV Listings, the Mini-Guide or any of the Search functions. Select the show and press **OK**. Then select **SET REMINDER** and press **OK**. The IPG will remind you with an on-screen message two minutes before the show begins. To cancel the Reminder, select **CLEAR REMINDER** and press **OK**.

Shows for which Reminders have been set appear in the program listings with the  symbol in front of their titles.

Note: Since the FiOS TV DVR gives you the ability to schedule a program to record automatically, you won't ever have to miss a show you want to watch. Just highlight a show you want to watch in the future and press **REC** on your remote control. You can then decide if you want to record the entire series, and whether to add padding at the beginning or end of the show.




Create and use a list of my Favorite Channels?

1. Press  on the remote. You'll see a program listing made up of all available channels.
2. Use the  or  **ARROW** buttons to highlight each channel you want included on your list.
3. Press **OK** to add a check mark next to it. Only the checked channels appear in your Favorite Channels list.




Select one of my Favorite Channels?

What if you'd like to go directly to the channels you watch most often, rather than scanning through ones you rarely, if ever, watch?

Here's how to do that:

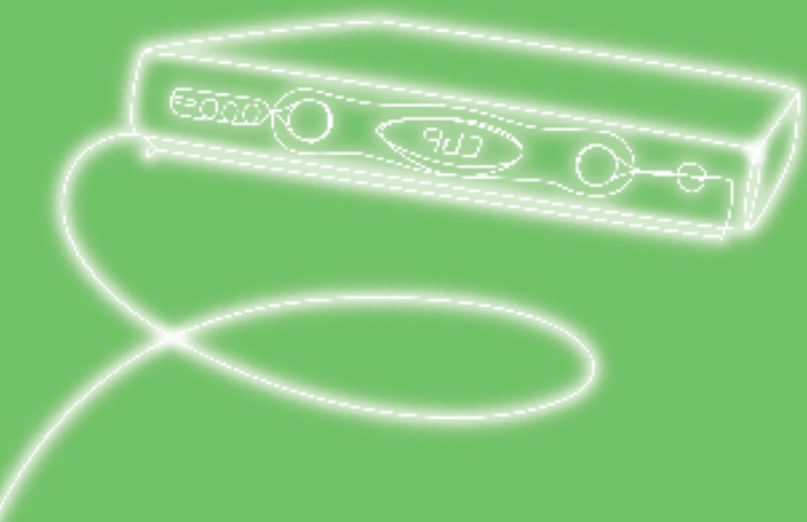
1. Press (Favorites button)  on the remote. You'll see a program listing made up of only your Favorite Channels.
2. Choose a program to watch by scrolling with the  or  **ARROW** buttons and pressing **OK**.

Edit my Favorite Channels list?

Press the  button on your remote. Choose **MY FAVORITES** and use the  or  **ARROW** buttons to highlight each channel in turn. Then press **OK** to add (or delete) a check mark next to it. Only the checked channels appear in the Favorites list.

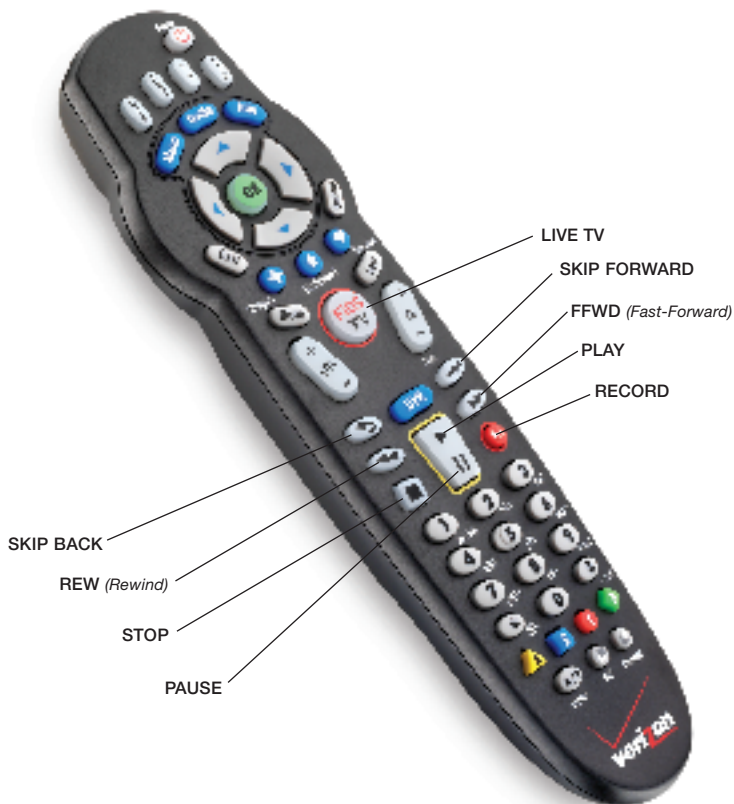
Not all services and features may be available, and some may require additional equipment at an additional cost. Your use of FIOS TV will require your acceptance of the Terms of Service, a copy of which will be given to you at the time of installation. Other terms and conditions apply.

Digital Video Recorder



Digital Video Recording lets you control the show

Your FiOS TV Digital Video Recorder represents an entirely new way to enjoy watching television. You can pause and rewind live TV — and even record one show while watching another. It puts you in control of your TV viewing schedule, enabling you to watch what you want, when you want.



Schedule Recording of an Upcoming Show or Series

Use the **ARROW** buttons to highlight the show you wish to record in the TV Listings. Or use **SEARCH** to find and select a show. Press **REC** on your remote. A red dot will appear after the show title in the listings.

Shrek 2



11/10 1 Hr 32 Min

example

If the show is part of a series, you can schedule recording of each episode of the entire series by pressing **REC** a second time. With our smart **SERIES RECORDING** feature, each show in the series will be automatically recorded, even if its time slot or length is changed by the broadcaster. Three red dots indicate that **SERIES RECORDING** has been scheduled (pressing **REC** a third time will cancel the scheduled recording).

Desperate Housewives



11/10 1 Hr 0 Min

example

You can choose whether to record only first-run episodes, whether to add padding at the beginning or end of a show, or whether to permanently save a show.

In addition, a **SERIES PRIORITY** feature lets you rank the series you want to record, so that the DVR automatically resolves schedule conflicts, before they occur.

Review or Cancel Scheduled Recordings of Shows or Series

Select **RECORDED TV** from the **MENU**. The list of shows scheduled to be recorded can be seen under the heading **SCHEDULED**. Or choose **SERIES MANAGER** and then **SCHEDULED SERIES** to see a

list of series that are scheduled for recording. You will also see a reminder about how much recording capacity you have used.



To cancel a scheduled recording, select the show or series to be cancelled. Select **CANCEL RECORDING** or **CANCEL SERIES**, depending on which you choose to cancel. Press **EXIT** on your remote to resume watching live TV.

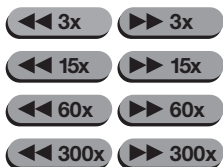
Recording TV (continued)

Play a Recorded Show

Select **RECORDED TV** from the Main Menu. Highlight a program that you want to watch on the list of recorded programs, press the **OK** button and select **PLAY**.

Pause/Rewind/Fast-Forward a Recorded Show

Use the **PAUSE**, **REW**, **FFWD**, **SKIP BACK**, **SKIP FORWARD**, **STOP** and **PLAY** buttons on your remote to control playback of a recorded program, exactly as you would with a VCR. When you use any of these buttons, the Progress Bar (see *Progress Bar* on page 56) will always appear, to show you exactly where you are in the program.



Multiple speeds of fast-forward and rewind can be accessed by pressing the **REW** or **FFWD** buttons more than once. Press once for 3x speed, twice for 15x, three times for 60x and four times for 300x.

Keep or Delete a Recorded Show

Select **RECORDED TV** from the Main Menu. Highlight a program that you want to delete from the list of **DVR RECORDINGS** and select **ERASE RECORDING**.

Once the recording space becomes full, the DVR will automatically delete the oldest shows, to make space for new recordings. To prevent the DVR from deleting a recording when it needs more space, select **RECORDED TV** from the Main Menu, choose a program that you want to keep and then select the **SAVE UNTIL** button.

Record High Definition TV Shows

Recording a show broadcast in HDTV is accomplished in the same way as recording a normal TV show (see *Recording TV* on page 52). Note: Due to the larger amount of information in an HDTV broadcast, your DVR will hold fewer hours of HDTV programming.

Record Pay Per View Programs



A Pay Per View program can be recorded with the DVR for later viewing. Simply press the **REC** button on your remote when the Pay Per View program begins. You can also schedule future Pay Per View shows to be automatically recorded. Just choose the **PURCHASE AND RECORD** option when selecting a show. It will automatically be recorded and ready for you to watch when you want.

Dual-tuner Feature

Your Verizon FiOS TV Set Top Box is equipped with dual tuners, so you can:

- Record two different shows at the same time, even while watching an earlier recorded show.
- Record a show while watching a Video On Demand movie.
- Record one show while watching a different live show.

Controlling Live TV with the DVR

How the DVR Handles Live TV

Whenever you tune in to a channel on FiOS TV, the DVR instantly begins storing the show in its internal memory and will continue to do so until you tune to a different channel. At this point, it discards the previous channel's show and begins storing the new one. Once the internal memory is full, the DVR will progressively store the most recent portion of that channel's programming, discarding the oldest. This memory technology allows you to control live TV in the ways described below.

Pause or Resume Live TV; Frame Advance

Press **PAUSE** on your remote to “freeze” the TV show you’re watching. Pressing the **PAUSE** button repeatedly will advance the video one frame at a time. When you’re ready, press **PLAY** to resume the show where you left off.



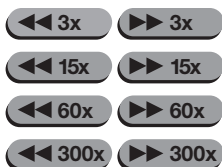
Rewind or Fast-Forward Live TV

Press **REW** on your remote to rewind the show you’re watching to an earlier point in time. (The DVR continues to store the live broadcast in its memory.) You can only rewind as

Controlling Live TV with the DVR (continued)

far back in time as when you first tuned in to this channel, up to the limit of the internal memory. Press **PLAY** to resume watching from the desired point in the show.

Press **FFWD** to fast-forward a previously paused live TV show. Press **PLAY** to resume watching.



Pressing **REW** or **FFWD** up to four times allows you to increase the speed at which you rewind or fast-forward a program. Press once for 3x speed, twice for 15x, three times for 60x and four times for 300x.

Forward or Reverse

Press **PAUSE**, then **FFWD** or **REW** for playback in slow-motion, fast-forward or rewind effect.

Replay Live TV

Press the **SKIP BACK** button on your Remote for an instant replay of the last seven seconds of the show you're watching, whether it's live TV or a previously recorded show.



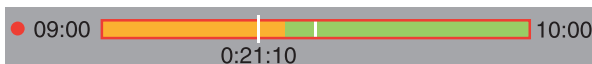
Resume Watching Live TV

If you're watching a program delayed by pausing or rewinding live TV, pressing the **FiOS TV** button jumps the show forward to the point currently being broadcast.



Progress Bar

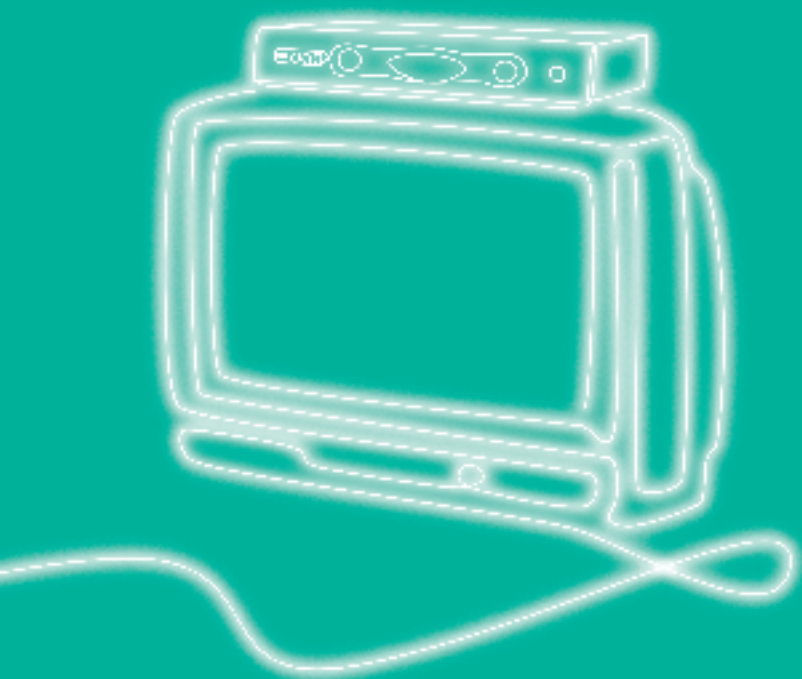
The Progress Bar (shown below) appears whenever you pause, rewind or fast-forward a live or recorded program. It shows how much of the current show is stored in memory (orange bar), as well as what point of the show you're viewing now (white line) and how far behind the live broadcast you are (end of orange bar).





Not all services are available in all areas. Acceptance of the Verizon FIOS TV Terms of Service is required in order to use FIOS TV. The terms and conditions regarding your use of FIOS TV are subject to change. Due to certain copyright restrictions, the Digital Video Recorder may not be able to record all programs. Recording times are estimated. Verizon cannot guarantee the exact amount of programming that each subscriber will be able to record. For a given hard drive capacity, approximate recording times depend on the programming type. The customer is financially responsible for any damage to or misuse of any equipment, or for the failure to return any equipment if service is terminated. Applicable franchise fees, regulatory fees and taxes apply. Other terms and conditions apply.

Set Top Boxes



Your Gateway to Verizon FiOS TV

FiOS TV offers you a choice of three Set Top Boxes, all of which bring you state-of-the-art features like digital displays, Interactive Programming Guides and Video On Demand. Plus, if you use one of our more advanced Set Top Boxes, you can enjoy the ultimate in high-tech benefits — including High Definition and our revolutionary Digital Video Recorder.

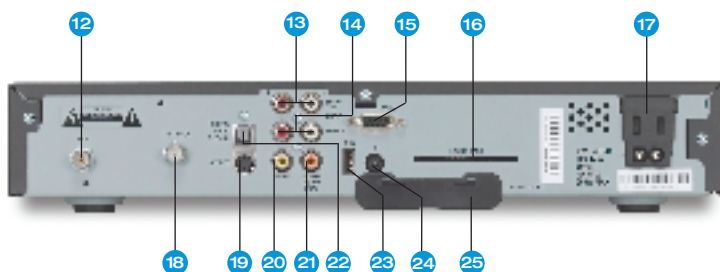
Standard Definition

The state-of-the-art STB from Verizon FiOS TV brings you unsurpassed digital audio and video quality. The Standard Definition box gives you access to the FiOS TV IPG, letting you conveniently select and view programs, set parental controls and take charge of your viewing experience. You can also order shows and events on PPV or order movies from our extensive VOD library. Please take a moment to review the features of the FiOS TV Standard Definition STB.



1. **CURSOR** — Moves the cursor around menus and IPG screens.
2. **MESSAGES** — Lights to indicate that a message is present.
3. **POWER INDICATOR** — Lights when the unit is turned on.
4. **DISPLAY** — Displays current channel number or time of day.
5. **REMOTE** — Lights to indicate remote control is in use.
6. **CHANNEL** — Scrolls up or down through the channels.
7. **SELECT** — Selects menu options, PPV and VOD events and selects channels from the IPG.
8. **POWER** — Turns the Standard Definition STB on and off.
9. **MENU** — Displays the main menu in the IPG.
10. **INFO** — Displays current channel and program information.
11. **GUIDE** — Displays TV Listings in the IPG.

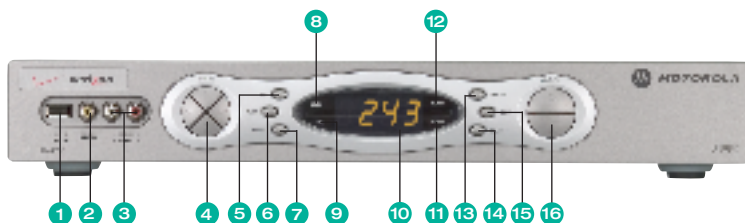
- 12. **RF IN** — Connects to the FiOS TV video signal.
- 13. **AUDIO OUT TO TV (R/L)** — Connects to audio inputs of a TV.
- 14. **AUDIO OUT TO VCR (R/L)** — Connects to audio inputs of a VCR (constant-level stereo outputs).
- 15. **DATA** — Serial data interface reserved for special applications. Do not connect any device to this port.
- 16. **SMART CARD** — Supports electronic commerce using a Smart Card. Currently not enabled.



- 17. **AC SWITCHED OUTLET** — Connects STB AC power cord and provides a switched power outlet to connect another device, such as a TV or Home Theater System (HTS).
- 18. **To TV/VCR** — Connects to a TV or VCR.
- 19. **S-VIDEO** — Connects to the S-Video input of a TV, VCR or HTS.
- 20. **VIDEO** — Connects to the composite video input of a TV, VCR or HTS.
- 21. **DIGITAL AUDIO COAX** — Connects to a TV, VCR or HTS to provide Dolby Digital 5.1 audio.
- 22. **DIGITAL AUDIO OPTICAL** — Connects a Toslink connector to a TV, VCR or HTS to provide Dolby Digital 5.1 audio.
- 23. **USB** — Connects to digital home devices, such as digital cameras. Currently not enabled.
- 24. **IR** — Currently not enabled.
- 25. **TV PASS CARD** — Currently not enabled.

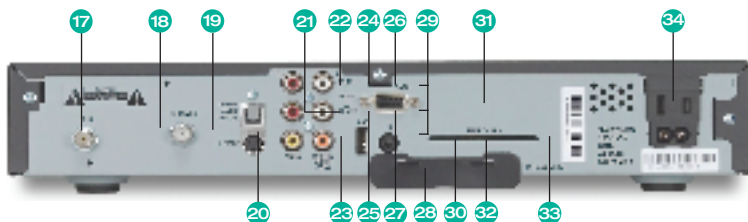
High Definition

The Verizon FiOS TV High Definition STB is one of our premium interactive digital video receivers. The High Definition STB automatically gives you access to HD content — letting you see the sharpest images possible. And it brings you all the extraordinary features of FiOS TV, including programming options, the IPG, VOD and access to commercial-free, CD-quality music. Please take a moment to review the features of the FiOS TV High Definition STB.



1. **USB** — Connects to digital home devices, such as digital cameras. Currently not enabled.
2. **VIDEO IN** — Accepts baseband video from a VCR, camcorder or other video device. Currently not enabled.
3. **AUDIO IN (L/R)** — Accepts baseband L/R audio from a VCR, camcorder or other audio device. Currently not enabled.
4. **CURSOR** — Moves the cursor around menus and IPG screens.
5. **INFO** — Displays current channel and program information.
6. **MENU** — Displays the main menu in the IPG.
7. **POWER** — Turns the High Definition STB on and off.
8. **MESSAGES** — Lights when a message is waiting.
9. **POWER INDICATOR** — Lights when unit is turned on.
10. **DISPLAY** — Displays current channel number and time of day.
11. **REMOTE** — Lights to indicate remote control is in use.
12. **RECORD** — Not applicable for HD STB.
13. **OPTION** — Reserved for future use.
14. **SELECT** — Selects menu options, Pay Per View (PPV) and VOD events, and selects channels from the IPG.

- 15. **GUIDE** — Displays TV Listings in the IPG.
- 16. **CHANNEL** — Scrolls up or down through the channels.
- 17. **RF IN** — Connects to the FiOS TV video signal.
- 18. **RF OUT** — Connects to a TV or VCR.
- 19. **IR** — Currently not enabled.
- 20. **SMART CARD** — Supports electronic commerce using a Smart Card. Currently not enabled.
- 21. **SPDIF** — Connects to a TV, VCR or Home Theater System (HTS) to provide Dolby Digital 5.1 audio.

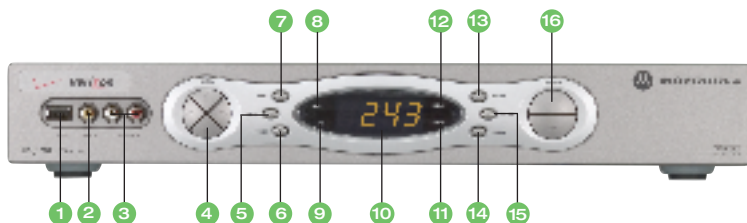


- 22. **S-VIDEO** — Connects to the S-Video input of a TV, VCR or HTS.
- 23. **OPTICAL SPDIF** — Connects to a TV, VCR or HTS to provide Dolby Digital 5.1 audio.
- 24. **VIDEO IN** — Accepts baseband video from a VCR, camcorder or other video device. Currently not enabled.
- 25. **AUDIO IN (R/L aligned vertically)** — Accepts baseband L/R audio from a VCR, camcorder or other audio device. Currently not enabled.
- 26. **VIDEO OUT** — Delivers video to an external device, such as a TV or VCR.
- 27. **AUDIO OUT (R/L aligned vertically)** — Connects to audio inputs of a TV.
- 28. **TV PASS CARD** — Currently not enabled.
- 29. **Y Pb Pr** — Delivers component video.
- 30. **HDMI** — Connects to a High Definition Television (HDTV).
- 31. **ETHERNET** — Supports interactive applications and home networking.
- 32. **USB** — Connects to digital home devices, such as digital cameras. Currently not enabled.
- 33. **IEEE 1394** — Connects to compatible digital TV A/V ports.
- 34. **AC SWITCHED OUTLET** — Connects STB AC power cord and provides a switched power outlet to connect another device, such as a TV or HTS.

Please note: A High Definition Television is required for HD content.

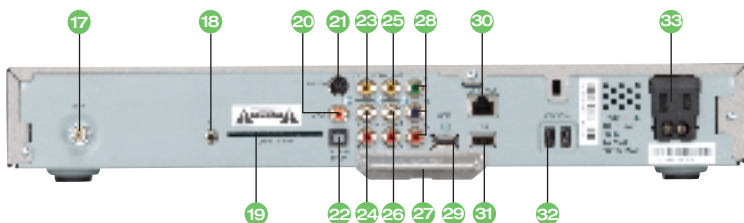
Digital Video Recorder

The Verizon FiOS TV DVR STB is our most advanced, interactive digital video receiver. In addition to bringing you all the high-tech features of the High Definition STB, like the FiOS TV IPG, VOD, digital music and the incredible picture and sound quality of HDTV, the DVR STB will revolutionize the way you watch television. The DVR feature allows you to pause and rewind live TV — and even record one show while watching another. Please take a moment to review the features of the FiOS TV DVR STB.



1. **USB** — Connects to digital home devices, such as digital cameras. Currently not enabled.
2. **VIDEO IN** — Accepts baseband video from a VCR, camcorder or other video device. Currently not enabled.
3. **AUDIO IN (L/R)** — Accepts baseband L/R audio from a VCR, camcorder or other audio device. Currently not enabled.
4. **CURSOR** — Moves the cursor around menus and IPG screens.
5. **MENU** — Displays the main menu in the IPG.
6. **POWER** — Turns the DVR STB on and off.
7. **INFO** — Displays current channel and program information.
8. **MESSAGES** — Lights when a message is waiting.
9. **POWER INDICATOR** — Lights when unit is turned on.
10. **DISPLAY** — Displays current channel number and time of day.
11. **REMOTE** — Lights to indicate remote control is in use.
12. **RECORD** — Lights when DVR is recording.
13. **OPTION** — Reserved for future use.
14. **SELECT** — Selects menu options, Pay Per View and VOD events, and selects channels from the IPG.

- 15. **GUIDE** — Displays TV Listings in the IPG.
- 16. **CHANNEL** — Scrolls up or down through the channels.
- 17. **RF IN** — Connects to the FiOS TV video signal.
- 18. **IR** — Currently not enabled.
- 19. **SMART CARD** — Supports electronic commerce using a Smart Card. Currently not enabled.
- 20. **SPDIF** — Connects to a TV, VCR or Home Theater System (HTS) to provide Dolby Digital 5.1 audio.



- 21. **S-VIDEO** — Connects to the S-Video input of a TV, VCR or HTS.
- 22. **OPTICAL SPDIF** — Connects to a TV, VCR or HTS to provide Dolby Digital 5.1 audio.
- 23. **VIDEO IN** — Accepts baseband video from a VCR, camcorder or other video device. Currently not enabled.
- 24. **AUDIO IN (R/L aligned vertically)** — Accepts baseband L/R audio from a VCR, camcorder or other audio device. Currently not enabled.
- 25. **VIDEO OUT** — Delivers video to an external device, such as a TV or VCR.
- 26. **AUDIO OUT (R/L aligned vertically)** — Connects to audio inputs of a TV.
- 27. **TV PASS CARD** — Currently not enabled.
- 28. **Y Pb Pr** — Delivers component video.
- 29. **HDMI** — Connects to a High Definition Television (HDTV).
- 30. **ETHERNET** — Supports interactive applications and home networking.
- 31. **USB** — Connects to digital home devices, such as digital cameras. Currently not enabled.
- 32. **IEEE 1394** — Connects to compatible digital TV A/V ports.
- 33. **AC SWITCHED OUTLET** — Connects STB AC power cord and provides a switched power outlet to connect another device, such as a TV or HTS.

Please note: A High Definition Television is required for HD content.

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Notes

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Notes

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